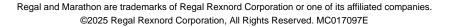
## **PRODUCT INFORMATION PACKET**

Model No: 92751-172 Catalog No: 92751-172 B-92751-172 ENCODER/AV56A/600/1.875 SH - AV56A1CLT8SXP000









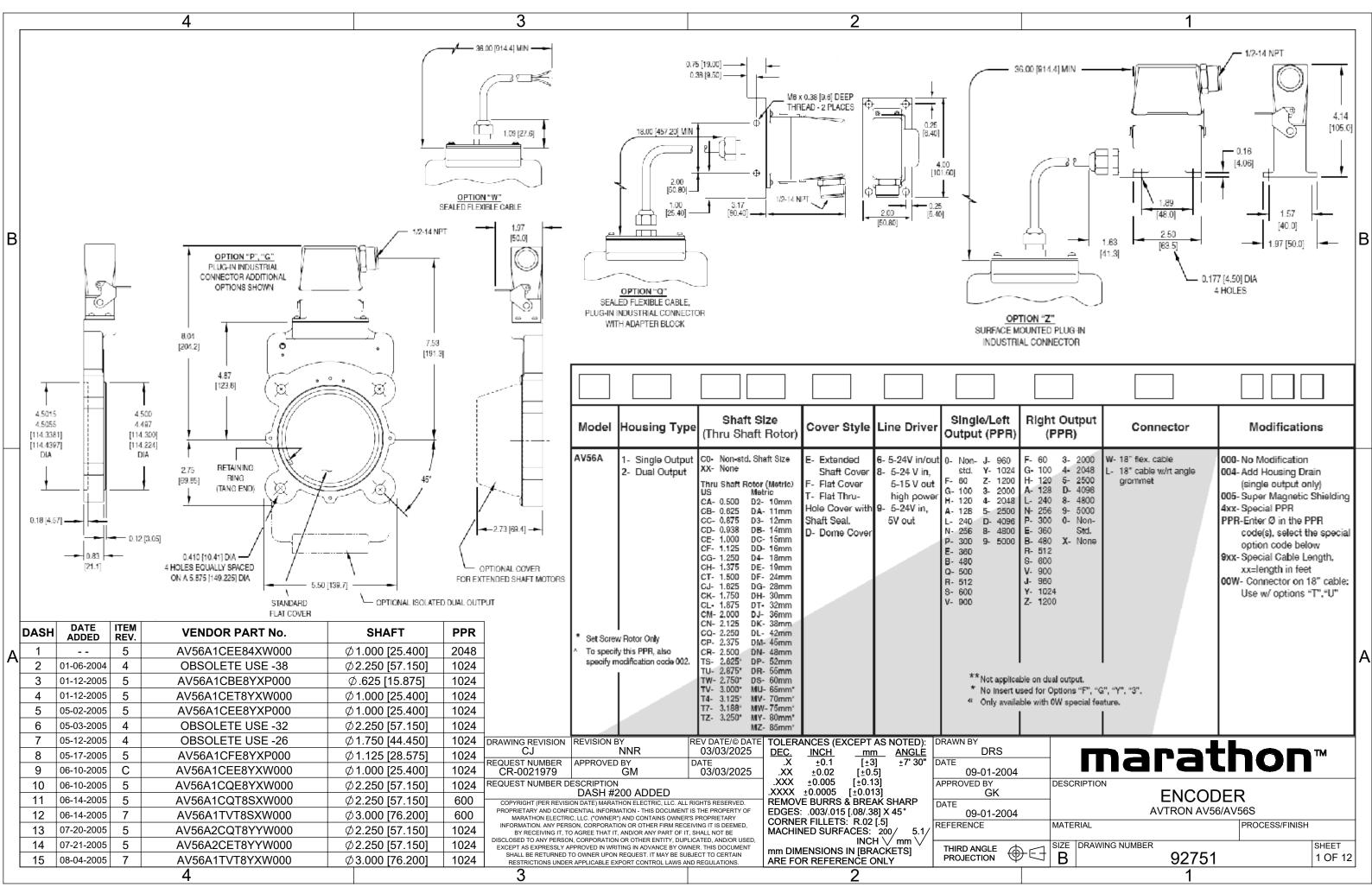
Product Information Packet: Model No: 92751-172, Catalog No:92751-172 B-92751-172 ENCODER/AV56A/600/1.875 SH - AV56A1CLT8SXP000

## marathon®

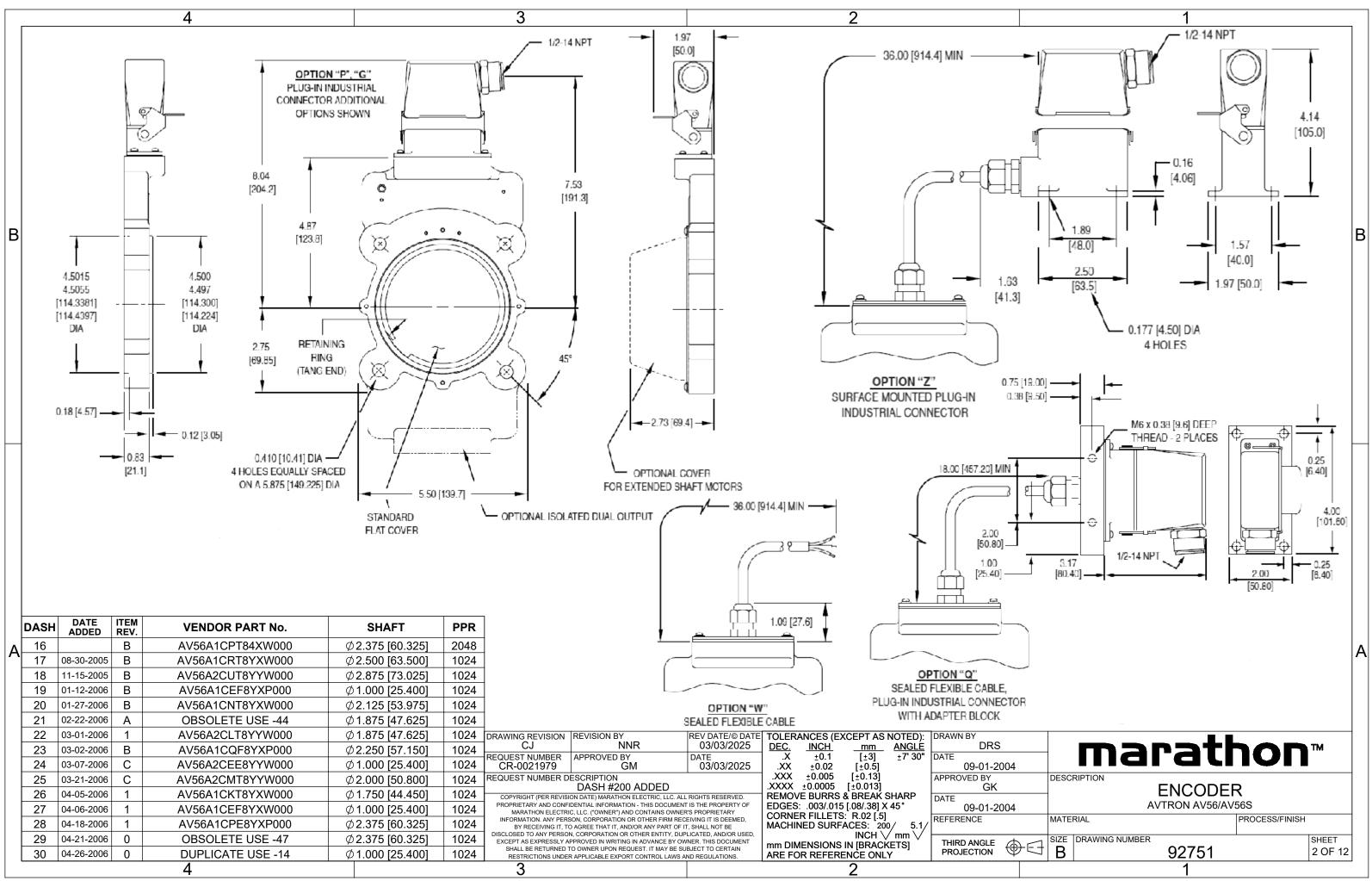
Nameplate Specifications

**Technical Specifications** 

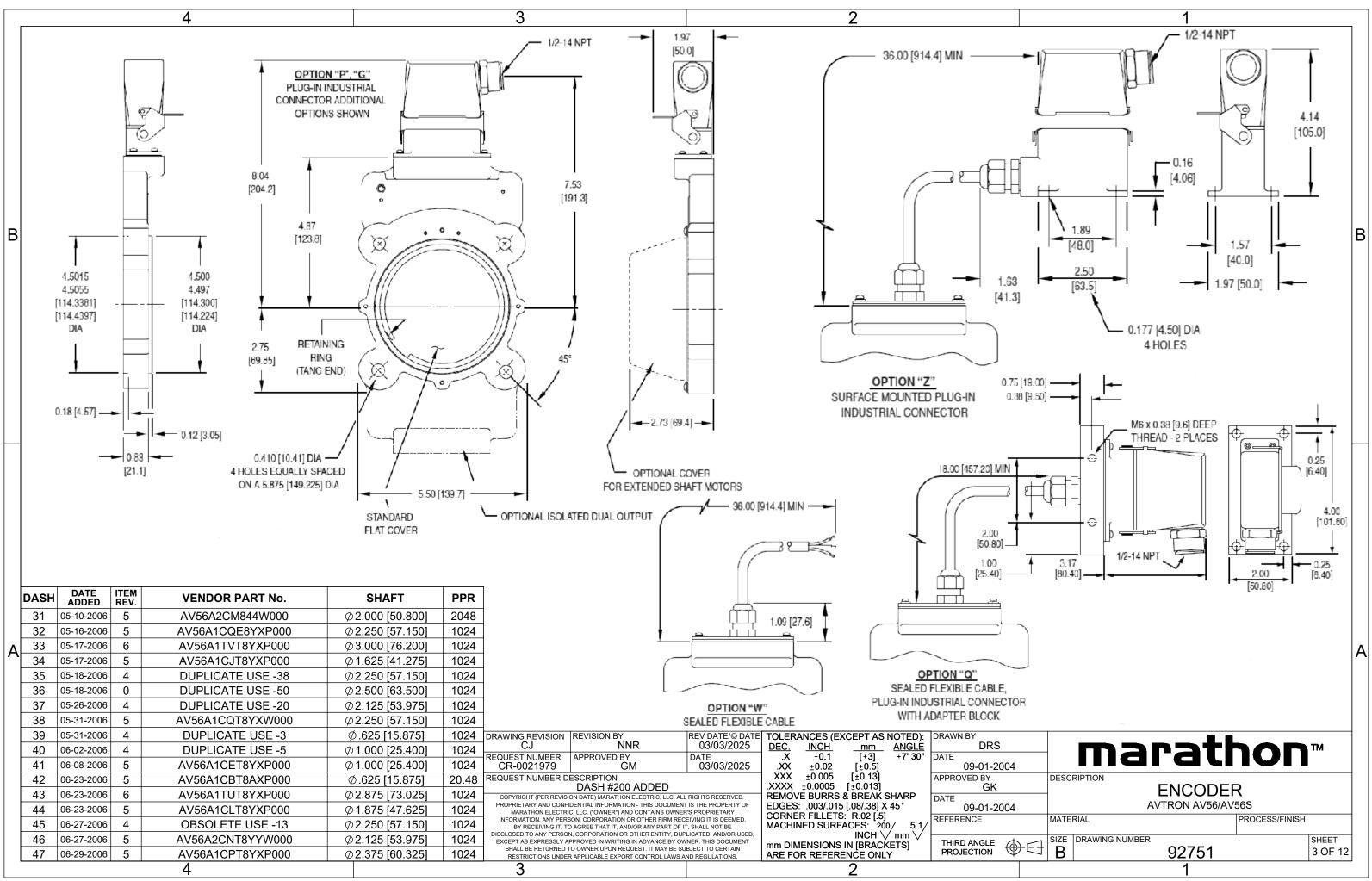
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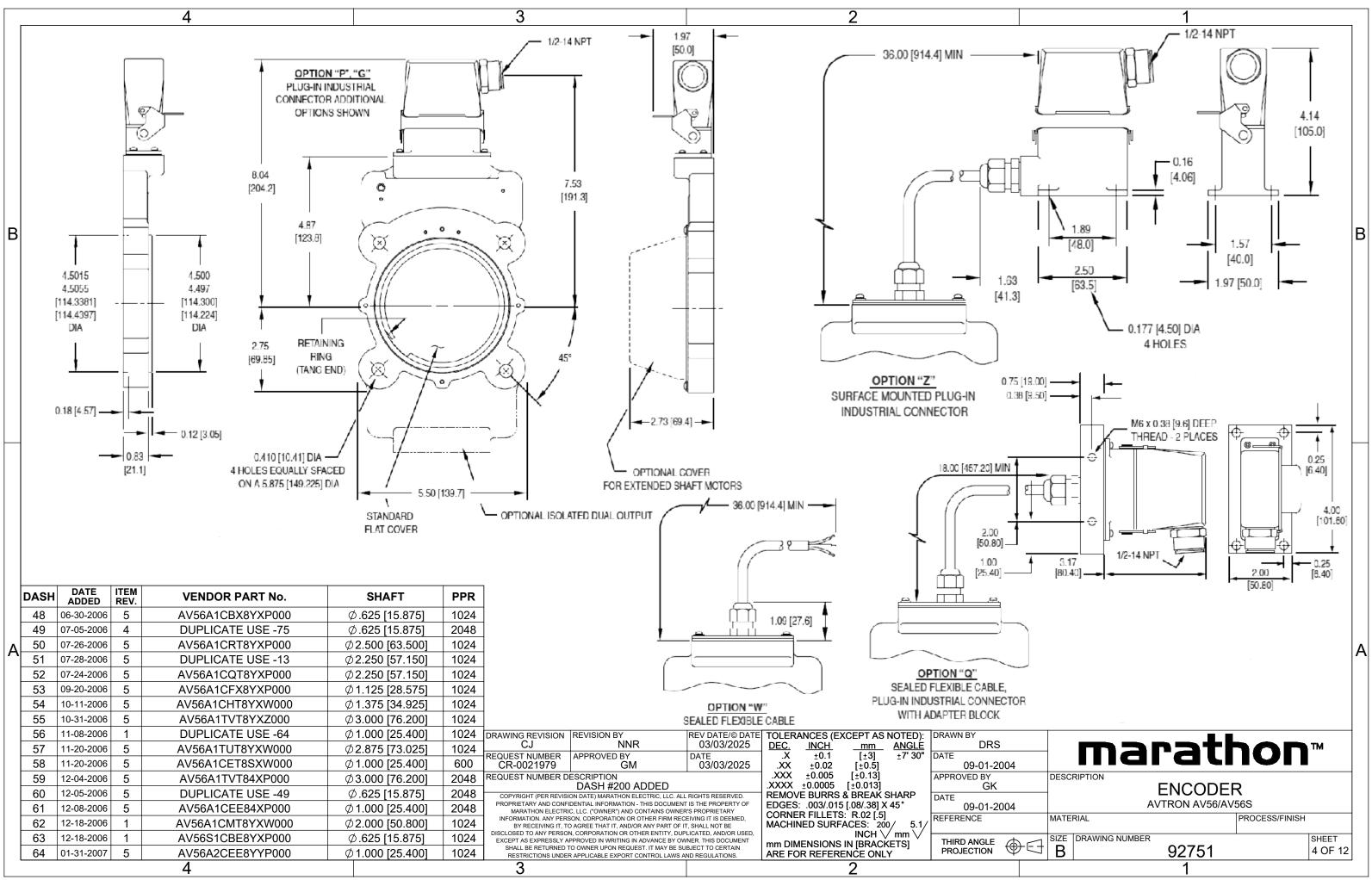
3 of 14



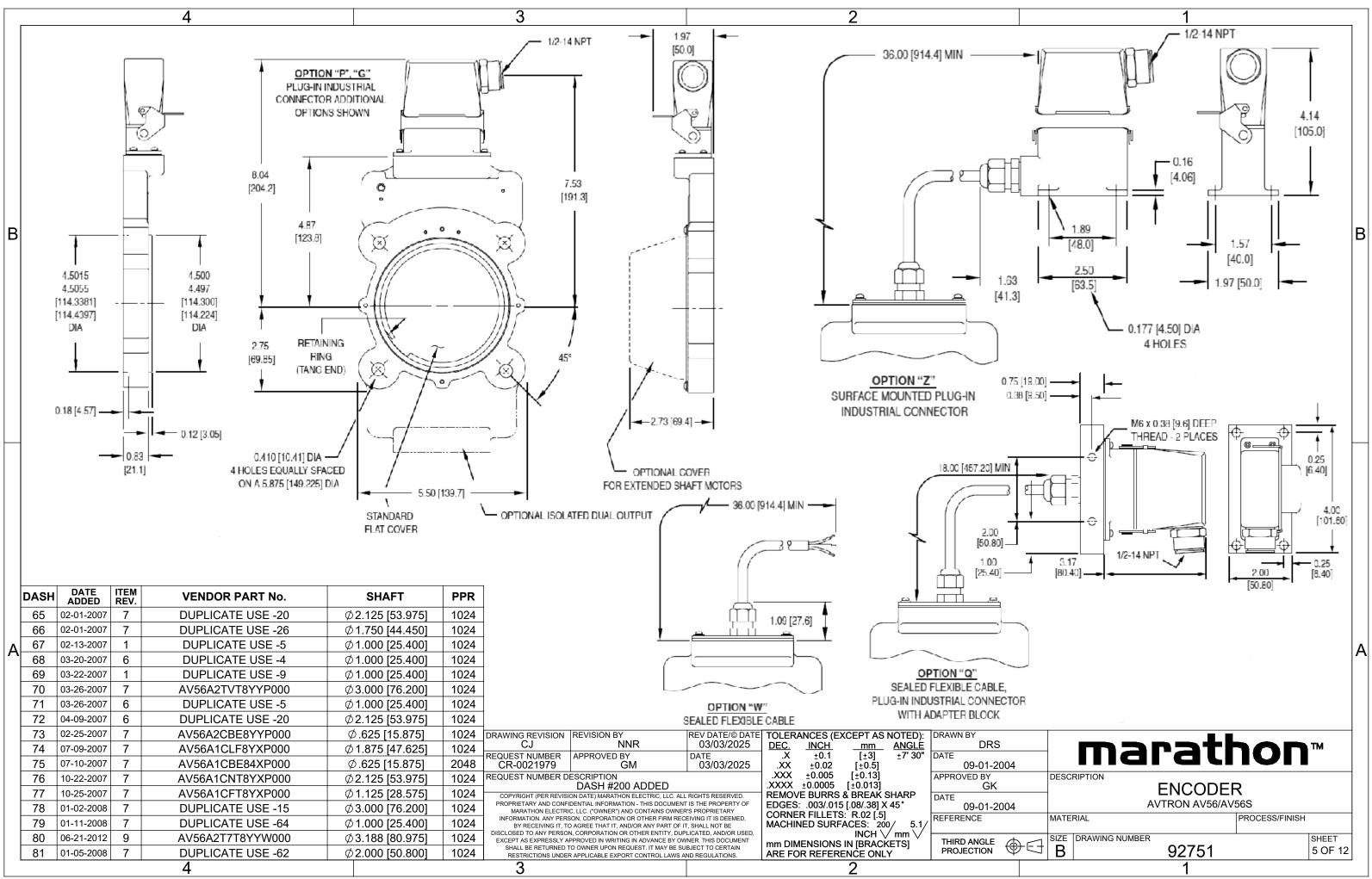
4 of 14



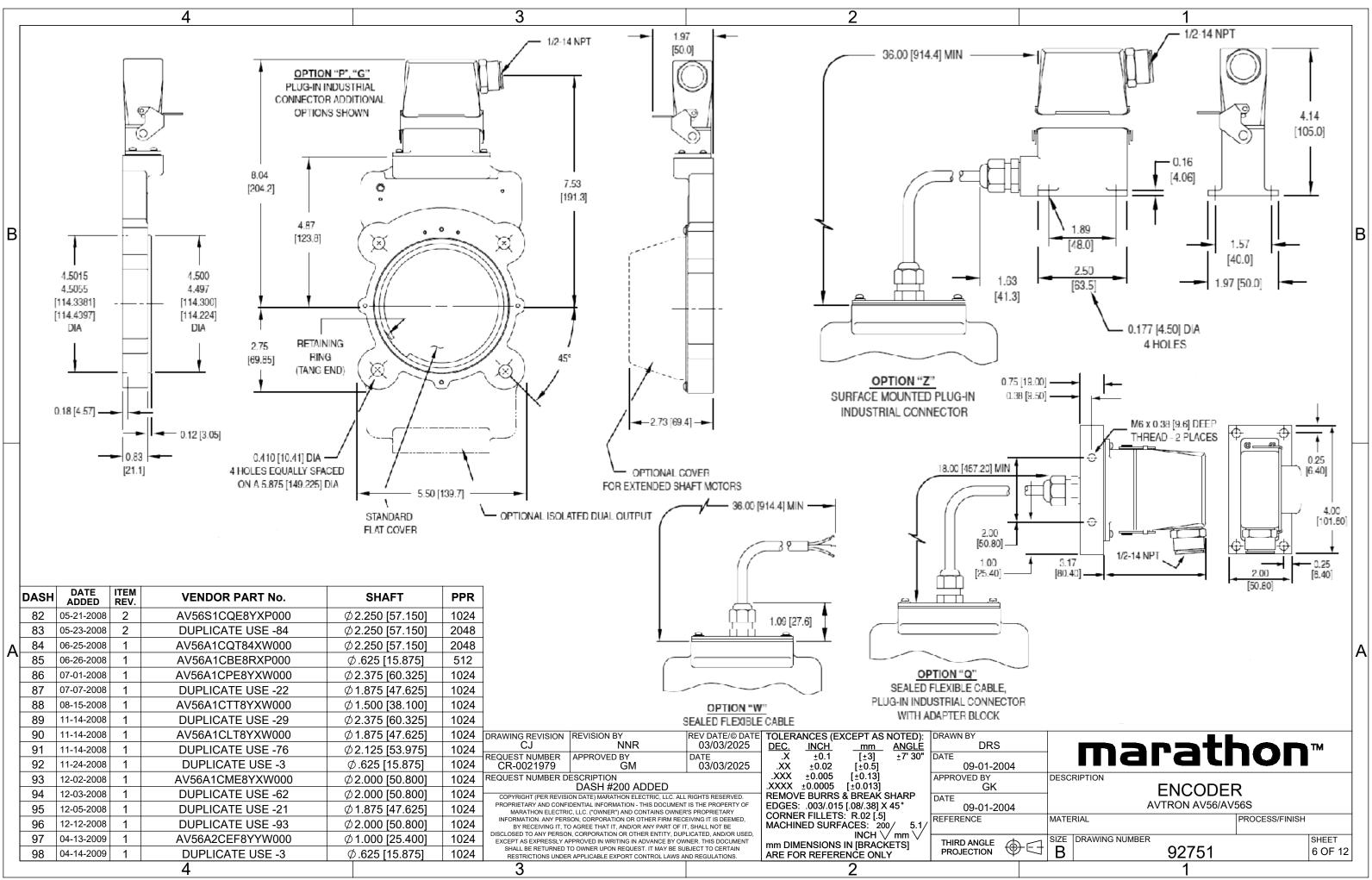
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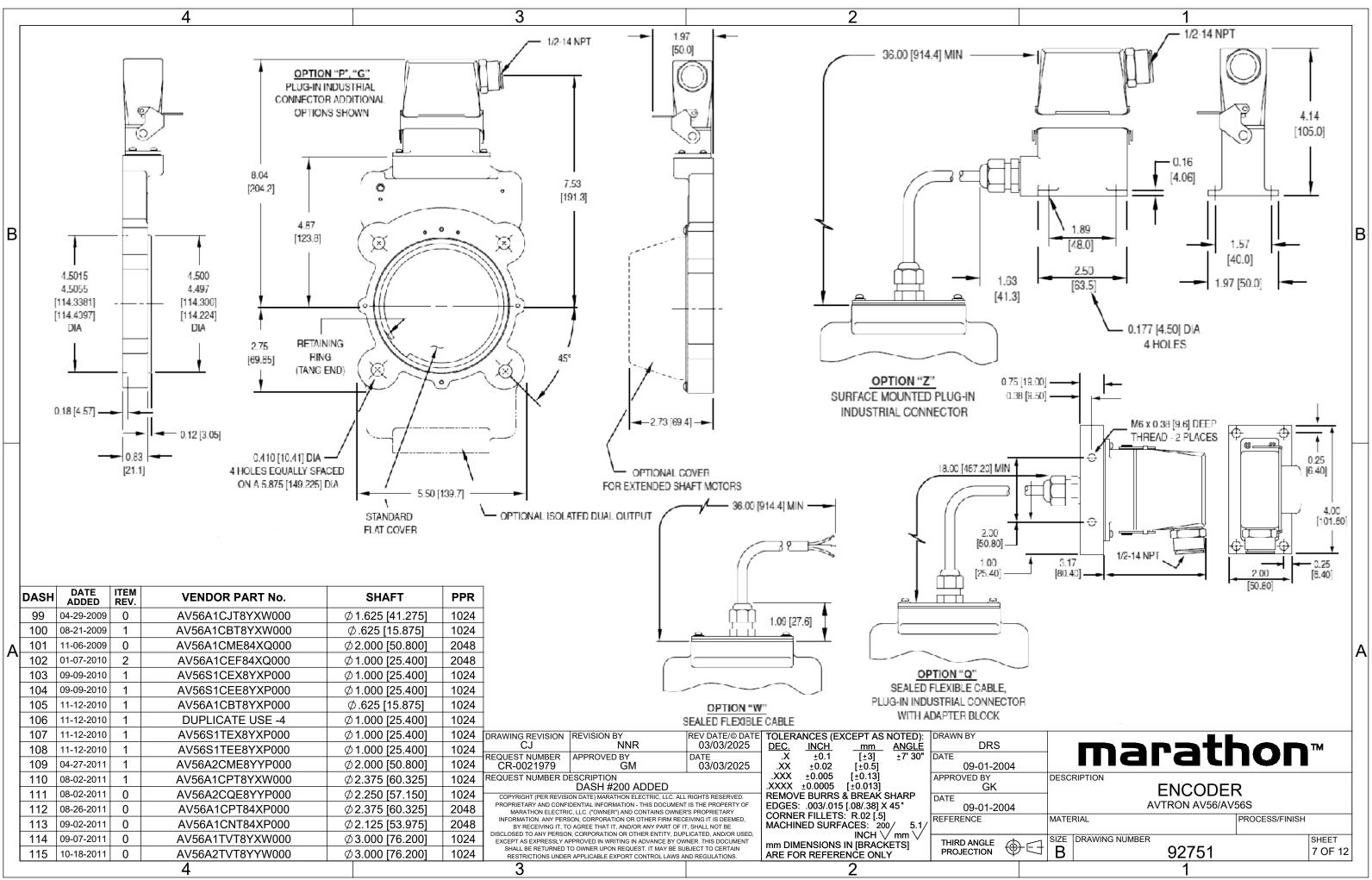
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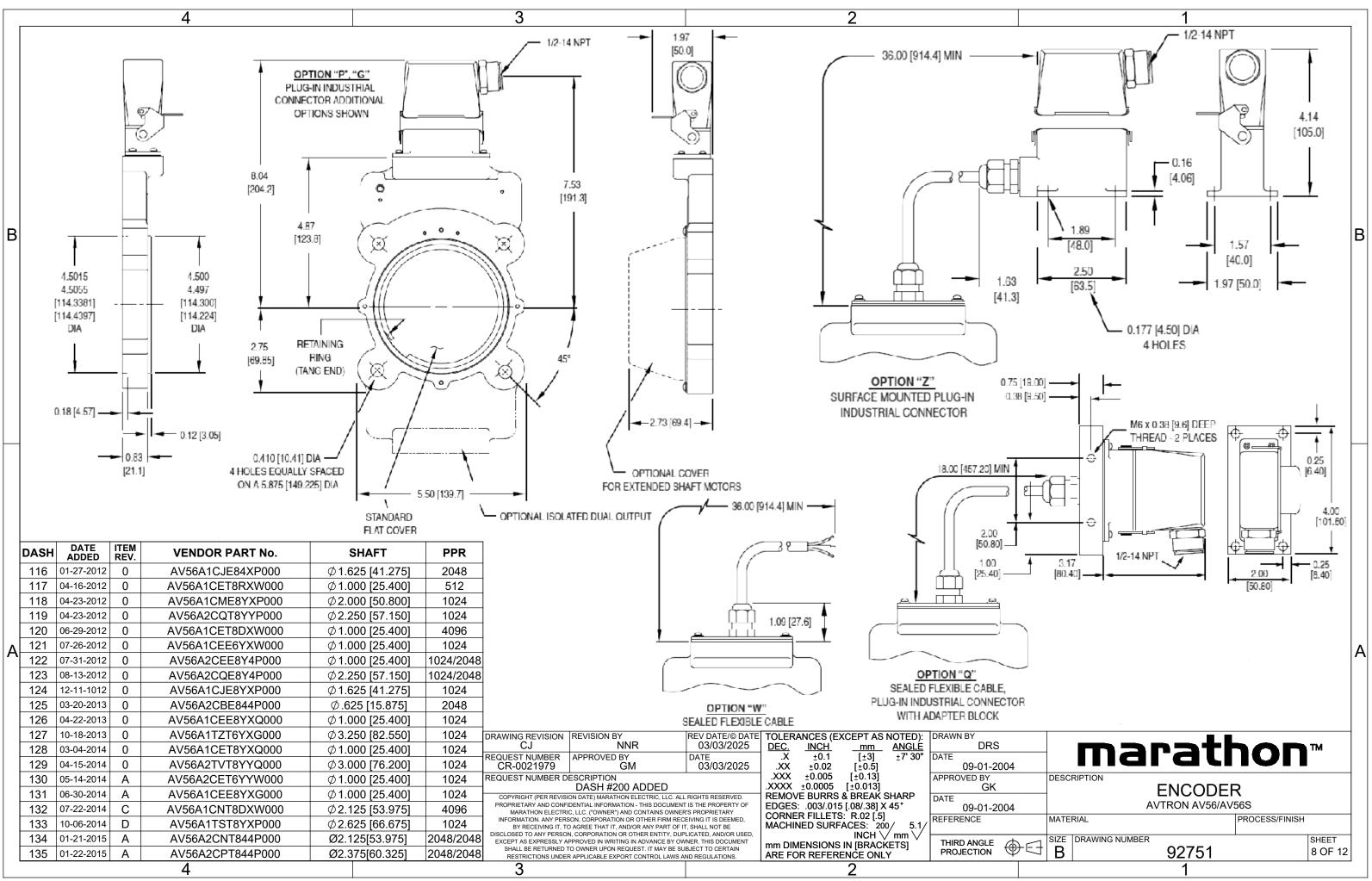
7 of 14



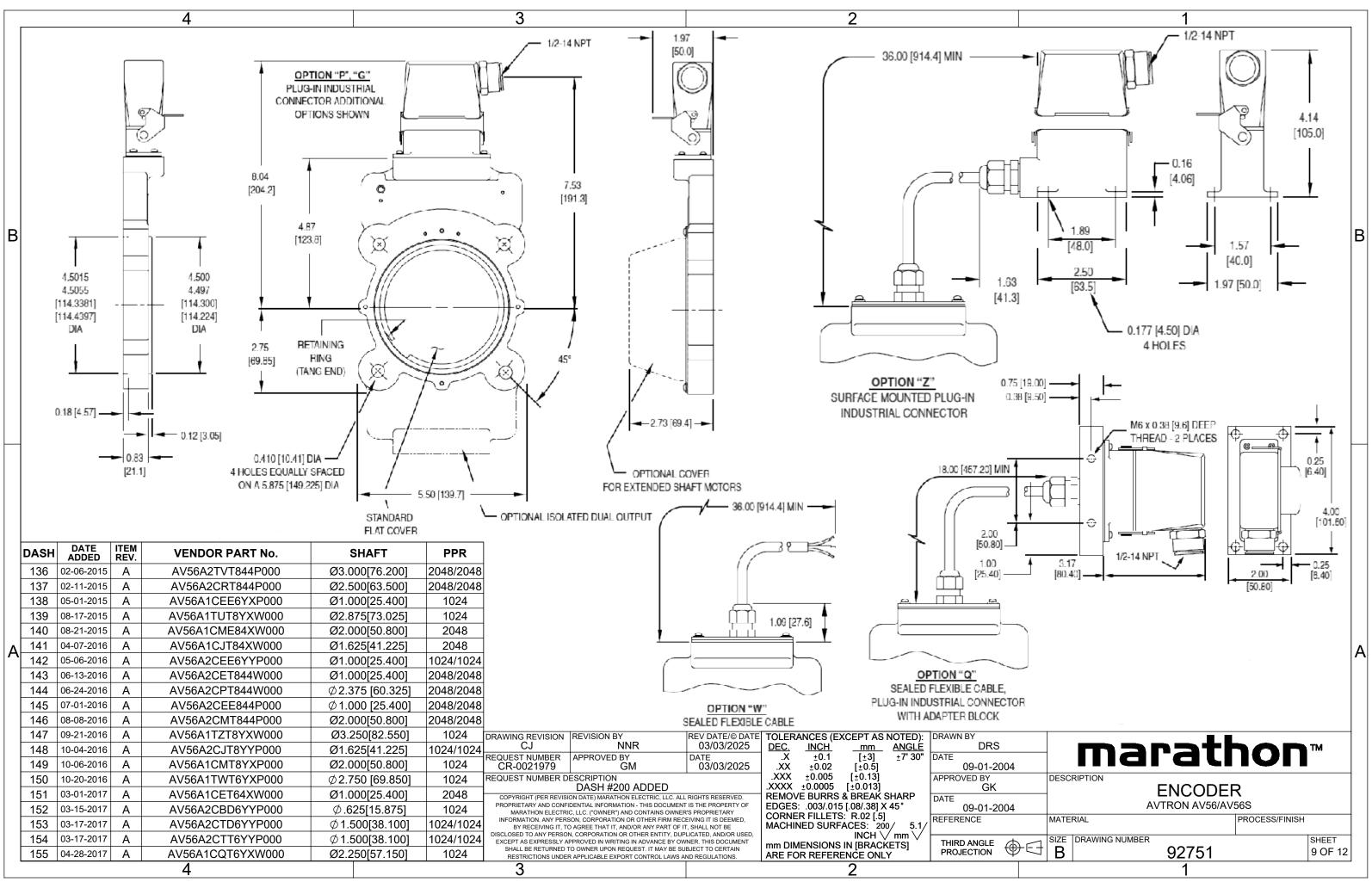
8 of 14



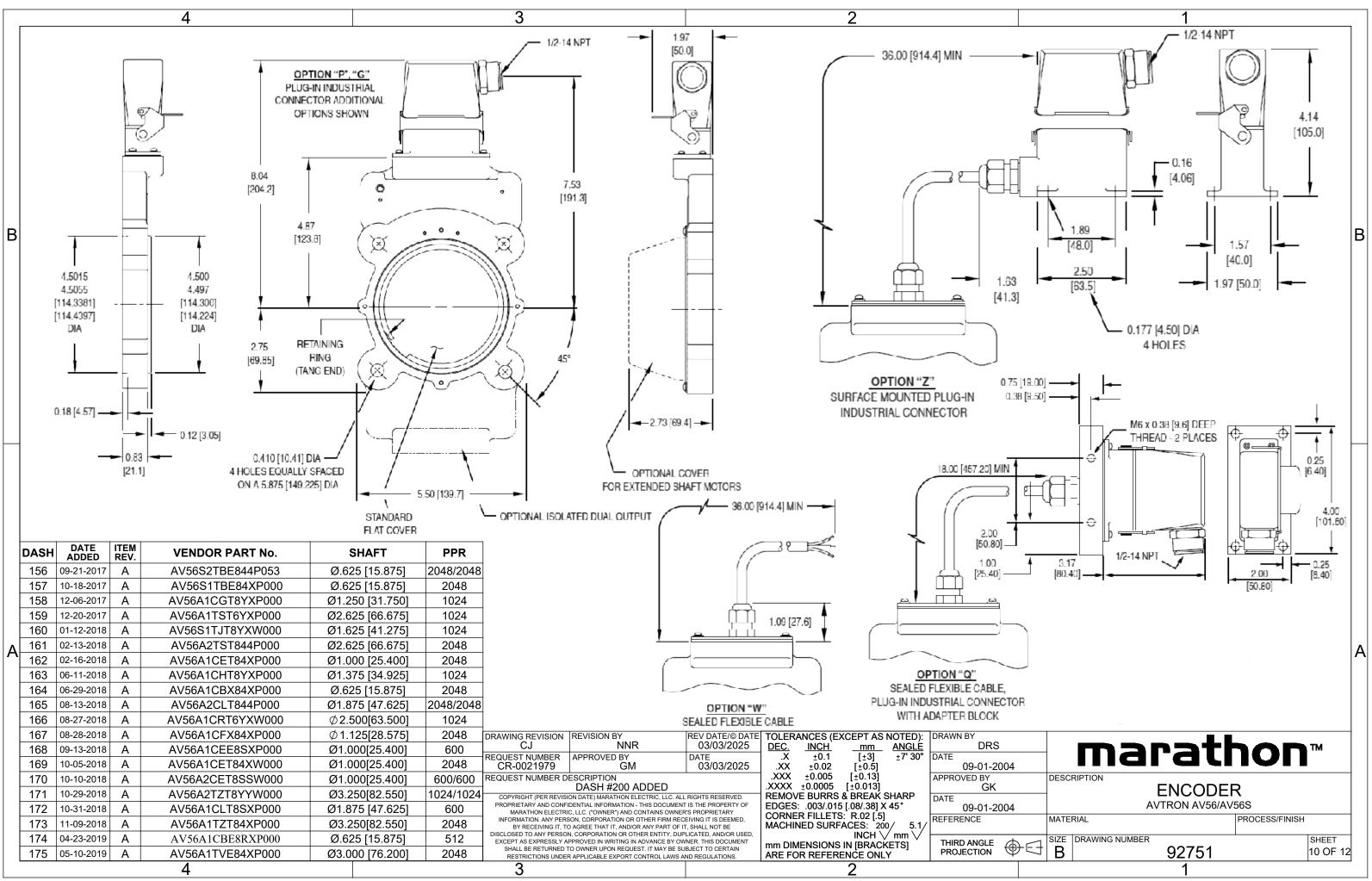
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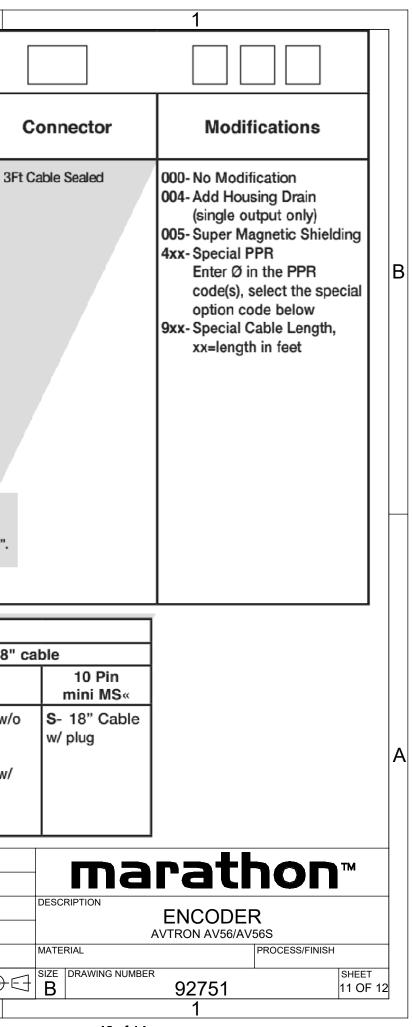


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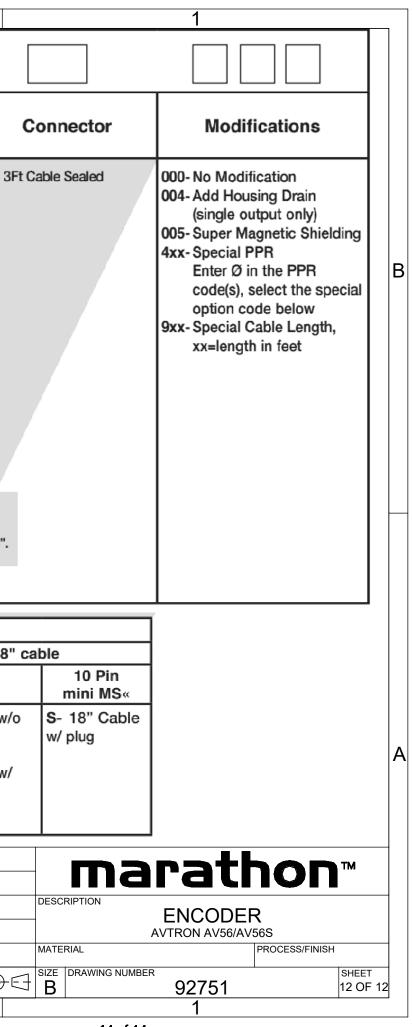
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4						3						2							
							7							7					
		4.5015 4.5055 [114.3381] [114.4397] DIA 0.18 [4.57] 0.18 [4.57] 0.12 [3.05] [21.1]		ļ	Model	Housing	Туре			t <b>Size</b> aft Roto	or) Cove	er Style	Line Dr	iver	Single Output	e/Left : (PPR)	-	it Outpu PPR)	ıt
В				AV56A * Set Scree	1- Single ( 2- Dual O	-	XX- N 9 0 0 0 0 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2	None Shaft Ro 0.500 0.625 0.875 0.938 1.000 1.125 1.250 1.375 1.500 1.625 1.750 1.625 1.750 2.200 2.125 2.200 2.375 2.200 2.375 2.250 2.375 2.500 2.625* 2.875* 2.875* 2.875* 2.875* 2.875* 2.750* 3.000* 3.125* 3.188* 3.250*	. Shaft Size otor D2- 10mn DA- 11mn D3- 12mn DB- 14mn DB- 14mn DC- 15mn DC- 15mn DC- 15mn DC- 15mn DC- 18mn DE- 19mn DF- 24mn DF- 24mn DF- 32mn DF- 32mn DK- 38mn DL- 42mn DK- 38mn DL- 42mn DM- 45mn DN- 48mn DR- 55mn DR- 55mn DR- 55mn MU- 65mn MU- 65mn MV- 70mn MV- 75mn MY- 80mn MZ- 85mn	Sha D- Dor F- Flat n G- Ext n Gasket n T- Flat n Hole C n Shaft S n n n n n n n n n n n n n n n n n n n	aft Cover me Cover ended with t t t Thru- cover with	r 5-24 V high p 9- 5-24V 5V out	in, out ower	std. F- 60 G- 100 H- 120 A- 128 L- 240 N- 256 P- 300 E- 360 B- 480 Q- 500 R- 512 S- 600 V- 900 *** Not a	J- 960 W- 1000 Y- 1024 Z- 1200 3- 2000 4- 2048 5- 2500 D- 4096 8- 4800 9- 5000	0- No Sto F- 60 G- 100 H- 120 A- 124 L- 240 P- 300 E- 360 B- 480 Q- 500 R- 512 S- 600 V- 900	<ul> <li>W- 100</li> <li>Y- 102</li> <li>Z- 120</li> <li>3- 200</li> <li>3- 204</li> <li>5- 250</li> <li>5- 250</li> <li>5- 409</li> <li>8- 480</li> <li>9- 500</li> <li>X- Nor</li> <li>0</li> </ul>	0 4 0 8 0 6 0 0 0 0 0 0	
	DASH	DATE ADDED	ITEM REV.	VENDOR PART No.		SHAFT	PP	'R	F							Ontions			
	176	05-22-2019	A	AV56A2CPT8YYP000	Ø2.3	375 [60.325]	1024/	1024			Mau	ntad an			nnector Options		Mounted on 18		d on 10
	177	06-07-2019	0	AV56A1CFT8SXP000		125 [28.575]	60		· · · · · · · · · · · · · · · · · · ·			Encoder	<b>D</b> :						
	178	08-20-2019	В	AV56A1CPT8SXP000		375 [60.325]	60								7 Pin MS« 10 Pi	n MS«		) Pin PIC«	
	179 180	07-23-2019 06-11-2020	A 0	AV56A1CLT6SXP000		375 [47.625]	60 204			A- w/o plug (std. phasing) B- w/o plug (Dynapar			1						
	181	09/08/2020	A	AV56A1CMT84XP000 AV56A2CKT844P000		000[50.800] 750[44.450]	204							//	J- w/o Y- 1		<b>Q</b> - 18" C		
	182	11-19-2020	A	AV56A2TUT8YYP005		875[73.025]	1024/			1S35 phas		Norths		lug	plu		e w/o	plug on r	
A	183	11-19-2020	A	AV56A2CQT8YYP005		250[57.150]	1024/			'A" w/ plu		pinout				plug		mount bl	
	184	1-7-2021	A	AV56A1TZT8YXP000		250[82.550]	10		ы. "	'B" w/ plu	ig Ig	P- w/	piug		1		uit box	Z- 36" C	able W/
	185	12-02-2020	A	AV56A2CED6YYP000		000 [25.400]	1024/			D w/ più	9				1	(Larg		plug	
	186	02-04-2021	А	AV56A2CQT8YYW005		250[57.150]	1024/	1024							1	enco			
	187	06-25-2021	0	AV56A1CLX8YXP000		875 [47.625]	10	24							pinou	1()			
	188	06-30-2021	0	AV56A1TST8SXP000		625 [66.675]	60					,	REV DATE/© DA		ERANCES (I		NOTED):	DRAWN BY	פסר
	189	07-07-201	0	AV56A2TZT844P000		250[82.550]	2048/			CJ NUMBER A	NNF PPROVED BY		03/03/2025 DATE		<u>C. INCH</u> .X <u>±</u> 0.1	<u></u> [±3]	<u>ANGLÉ</u> ±7' 30"	DATE	DRS
	190	07-12-2021	0	AV56A1TUT8SXP000		875[73.025]	60	0	CR-00	021979	GM		03/03/2025		.XX ±0.02	[±0.5]	5]	09-0	01-2004
	191	07-07-2022	1	AV56A1CQT8YXW017		250[57.150]		1024	KEQUEST	EQUEST NUMBER DESCRIPTION DASH #200 ADD		ADDED		.XX		[±0.013]	13] AK SHARP	APPROVED	<sup>BY</sup> GK
	192	09-05-2022	0			250[82.550]	2048		COPYRIGHT (PER REVISION DATE) MA PROPRIETARY AND CONFIDENTIAL INF		DATE) MARATHON EL	MARATHON ELECTRIC, LLC. ALI	RIGHTS RESERVED.	REM		S & BREAK		DATE	01-2004
	193	10-28-2022	0	AV56A1CNT8SXP000		125 [53.975]	60		MARA INFORMA	ATHON ELECTRIC, L ATION. ANY PERSON	LLC. ("OWNER") AND C	CONTAINS OWNER OTHER FIRM RECE	'S PROPRIETARY EIVING IT IS DEEMED,	COI	RNER FILLE	TS: R.02 [.5]		, REFERENCE	51-2004
	194	12-13-2022	0	AV56A2CCT844P000		375 [22.225]	20		INFORMATION. ANY PERSON, CORPORATION OR ( BY RECEIVING IT, TO AGREE THAT IT, AND/OI DISCLOSED TO ANY PERSON, CORPORATION OR OTI			R ANY PART OF IT HER ENTITY, DUPI	", SHALL NOT BE LICATED, AND/OR USEE		CHINED SUR		0/ 5.1 / mm //	′	<u> </u>
	195 196	10-07-2023 11-09-2023	0	AV56A2CET8YYQ000 AV56A2CBE8DDP000		000 [25.400] 625 [15.875]	1024/		SHALL I	BE RETURNED TO	OWNER UPON REQUE	ST. IT MAY BE SU			DIMENSION	IS IN [BRACI	KETS]	THIRD AN PROJECTI	SLE ⊕[
	190	11-09-2023	U	4	ψ0.	020[10.070]	4090/	4090	RESTR		PPLICABLE EXPORT C	CONTROL LAWS AN	NU REGULATIONS.			2	.1		
				<b>–</b>					5							2			



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4		3	2								
	Model	Housing Type	2	Shaft Size u Shaft Rotor)	Cover	Style	Line Driver	Single/L Output (F		ht Output (PPR)	
B 4.5015 4.5055 [114.3381] [114.4397] DIA 0.18 [4.57] 0.18 [4.57] 0.12 [3.05] 0.12 [3.05]	AV56A * Set Screv	2- Dual Output XX- Thru US CA- CB- CC- CD- CE- CF- CG- CH- CT- CJ- CL- CM- CN- cu- CN- CN- CQ- CP- CR- TS- TU- TW- TV- TV- T4- T7-		Metric           .500         D2-         10mm           .625         DA-         11mm           .875         D3-         12mm           .938         DB-         14mm           .000         DC-         15mm           .125         DD-         16mm           .250         D4-         18mm           .375         DE-         19mm           .625         DG-         28mm           .625         DG-         28mm           .625         DG-         28mm           .750         DH-         30mm           .875         DT-         32mm           .000         DJ-         36mm           .125         DK-         38mm           .250         DL-         42mm           .375         DM-         45mm	D- Dome Cover F- Flat Cover		high power 9- 5-24V in, 5V out	std. W- F- 60 Y- G- 100 Z- H- 120 3- A- 128 4- L- 240 5- N- 256 D- P- 300 8- E- 360 9- B- 480 Q- 500 R- 512 S- 600 V- 900 *** Not appli	1000       S         1024       F-6         1200       G-1         2000       H-1         2048       A-1         2500       L-2         4096       N-2         4800       P-3         5000       E-3         B-4       Q-5         R-5       S-6         V-9       V-9	0- Non- J- 960 Std. W- 1000 F- 60 Y- 1024 G- 100 Z- 1200 H- 120 3- 2000 A- 128 4- 2048 L- 240 5- 2500 N- 256 D- 4096 P- 300 8- 4800 E- 360 9- 5000 B- 480 X- None Q- 500 R- 512 S- 600 V- 900	
ADDED REV. VENDOR PART NO.							Co	Connector Options			
197         05-16-2024         A         AV56A1CHT8SXP000           198         06-05-2024         A         AV56S1TEE8ZXW000			200		Moun	ted on	Encoder	7 Pin MS« 10 P		Mounted o	on 18"
199         11-20-2024         A         AV56A2CRE844P000           200         03-03-2025         A         AV56A1CBE8YXD000	Ø2.	500[63.500] 2048	3/2048 024	10 Pin M	S	10 P EPI			10 Pin MS	, 10 P , EPIC	
A				<ul> <li>A- w/o plug (std.</li> <li>B- w/o plug (Dyr HS35 phasing</li> <li>C- "A" w/ plug</li> <li>D- "B" w/ plug</li> </ul>	napar	G- w/   Northsi pinout P- w/	tar plug	J- w/o plug	Y- 12" cable w/o plug on conduit box (Large encoder pinout)	Q- 18" Cat plug on rem mount blade Z- 36" Cat plug	note e
		1	R	CJ EQUEST NUMBER CR-0021979 EQUEST NUMBER DESCRI DAS COPYRIGHT (PER REVISION DATE PROPRIETARY AND CONFIDENTIAL MARATHON ELECTRIC, LLC. (* INFORMATION. ANY PERSON, CORP EVCEPT AS EXPRESSLY APPROVEI SHALL BE RETURNED TO OWNE RESTRICTIONS UNDER APPLIC	SH #200 AE ) MARATHON ELEC INFORMATION - TI 'OWNER") AND COM RPORATION OR OT THAT IT, AND/OR / DRATION OR OTHE D IN WRITING IN AE ER UPON REQUEST	DDED TRIC, LLC. ALL I IS DOCUMENT ITAINS OWNER' HER FIRM RECE HER FIRM RECE HER FIRM RECE HER FIRM RECE VANCE BY OWN VANCE BY OWN I. TI MAY BE SUB	03/03/2025 DATE 03/03/2025 XX RIGHTS RESERVED. IS THE PROPERTY OF S PROPRIETARY VING IT IS DEEMED, SHALL NOT BE ICATED, AND/OR USED, IER. THIS DOCUMENT UECT TO CERTAIN MM	.X ±0.1 XX ±0.002 XX ±0.005 XX ±0.0005 [ MOVE BURRS & GES: .003/.015 [. RNER FILLETS: CHINED SURFAC DIMENSIONS IN E FOR REFEREN	EPT AS NOTED <u>mm</u> <u>ANGL</u> [±3] ±7'30 [±0.5] ±0.013] BREAK SHARP 08/.38] X 45° R.02 [.5] CES: 200 5. INCH \/ mm I [BRACKETS] ICE ONLY	E DR: DATE 09-01-2 APPROVED BY GK DATE 09-01-2	2004 < 2004
4				3			2				



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